

## Declaration, Power of Attorney, and Petition

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled TELEPHONIC-INTERFACE STATISTICAL ANALYSIS SYSTEM

the specification of which  
(check one) ☒ is attached hereto. ☐ was filed on \_\_\_\_\_ as  
Application Serial No. \_\_\_\_\_ and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

## Prior Foreign Application(s)

NONE

Priority claimed

<input type="checkbox"/>	<input type="checkbox"/>
Yes	No
<input type="checkbox"/>	<input type="checkbox"/>
Yes	No
<input type="checkbox"/>	<input type="checkbox"/>
Yes	No

(Number)	(Country)	Day month year filed
(Number)	(Country)	Day month year filed
(Number)	(Country)	Day month year filed

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

018,244 February 24, 1987

pending

(Application Serial No.) (Filing date)

(Status) (patented, pending, abandoned)

753,299 July 10, 1985

abandoned

(Application Serial No.) (Filing date)

(Status) (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

And I hereby appoint

B. G. Nilsson (Reg. No. 17,350)  
201 North Figueroa Street  
Fifth Floor  
Los Angeles, California 90012  
(213) 977-1001

my attorney with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Wherefore I pray that Letters Patent be granted to me for the invention or discovery described and claimed in the foregoing specification and claims, and I hereby subscribe my name to the foregoing specification and claims, declaration, power of attorney, and this petition.

Full name of sole or first inventor Ronald A. Katz

Inventor's signature *Ronald A. Katz*

Date 5/4/88

Residence Los Angeles, California

Citizenship U.S.A.

Post Office Address 570 South Mapleton Drive, Los Angeles, California 90024

Full name of second joint inventor, if any

Date

Second Inventor's signature

Residence

Citizenship

Post Office Address

(Supply similar information and signature for third and subsequent joint inventors.)

PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ronald A. Katz )  
Serial No.: 07/335,923 ) Examiner: T. Brown  
Filed: April 10, 1989 ) Art Unit: 2601  
For: TELEPHONIC-INTERFACE )  
STATISTICAL ANALYSIS SYSTEM )  
New Docket No.: 6646-101N1 )  
(Previous Docket No.: 4646-101N) )

POWER OF ATTORNEY BY ASSIGNEE

Commissioner of Patents  
and Trademarks  
Washington, D. C. 20231

Sir:

I, Ronald A. Katz, am the President of A2D Corporation, a California corporation, which corporation is a general partner of A2D, L.P., a California limited partnership, which limited partnership is a general partner of RONALD A. KATZ TECHNOLOGY LICENSING, L.P., a California limited partnership and assignee of the entire right, title and interest in the application for United States Letters Patent entitled TELEPHONIC-INTERFACE STATISTICAL ANALYSIS SYSTEM, and am authorized to sign on its behalf.

The Assignment of this application to RONALD A. KATZ TECHNOLOGY LICENSING, L.P., has been submitted to the Assignment Branch and was received on September 26, 1994.

I have reviewed the foregoing document and hereby certify that, to the best of my knowledge and belief, title to the

05040509-03498

subject matter of this patent application is in RONALD A. KATZ  
TECHNOLOGY LICENSING, L.P.

I hereby appoint: Byard G. Nilsson, Reg. No. 17,350, Harold  
E. Wurst, Reg. No. 22,183, Robert A. Green, Reg. No. 28,301, Anne  
Wang, Reg. No. 36,045, all members of the bar of one or more  
states, Reena Kuyper, Patent Agent, Reg. No. 33,830, all of the  
law firm of Nilsson, Wurst & Green, 707 Wilshire Blvd., 32nd  
Floor, Los Angeles, California 90017; and Thomas J. Lannon,  
Registration No. 18,417, 105 Whittier St., NW, Washington, DC  
20012, to prosecute this application and to transact all business  
in the United States Patent and Trademark Office in connection  
therewith.

Please send all correspondence to:

NILSSON, WURST & GREEN  
707 Wilshire Blvd., 32nd Floor  
Los Angeles, California 90017  
U.S.A.

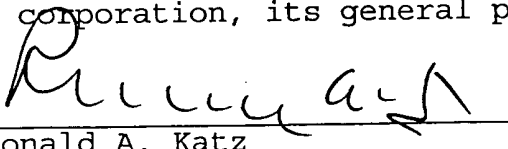
Telephone (213) 243-8000

RONALD A. KATZ TECHNOLOGY  
LICENSING, L.P., a California limited  
partnership,

By: A2D, L.P., a California limited  
partnership, its general partner

By: A2D Corporation, a California  
corporation, its general partner

By:

  
Ronald A. Katz  
President,  
A2D Corporation

Attorney Docket No. 6646-101N1

6646\101N1.poa

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Ronald A. Katz

Serial No. 07/640,337

Filed: January 11, 1991

For: **TELEPHONIC-INTERFACE STATISTICAL  
ANALYSIS SYSTEM**

Dkt. No.: 228/032

(previous dkt. nos. 9002-0B678US0 and 6646-101N4)

) Group Art Unit: 2601

) Examiner: T. Brown

REVOCATION AND GRANT OF POWER OF ATTORNEY

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

All powers of attorney granted before are revoked.

I, Ronald A. Katz, am the president of A2D Corporation, a California corporation, which corporation is a general partner of A2D, L.P. a California limited partnership, which limited partnership is a general partner of RONALD A. KATZ TECHNOLOGY LICENSING, L.P., a California limited partnership, the assignee owning all of the interest in this application, and by virtue of the foregoing relationships I execute this document on its behalf to appoint as its attorneys and representatives, with full powers of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office

09040509 031798

connected with it, David B. Murphy, Reg. No. 31,125, and Reena Kuyper, Reg. No. 33,830  
(registered patent agent); and

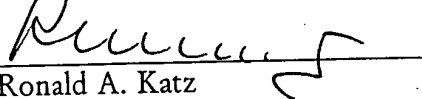
Roland N. Smoot, Reg. No. 18,718; Conrad R. Solum, Jr., Reg. No. 20,467;  
James W. Geriak, Reg. No. 20,233; Robert M. Taylor, Jr., Reg. No. 19,848;  
Samuel B. Stone, Reg. No. 19,297; Douglas E. Olson, Reg. No. 22,798;  
Robert E. Lyon, Reg. No. 24,171; Robert C. Weiss, Reg. No. 24,939; Richard  
E. Lyon, Jr., Reg. No. 26,300; John D. McConaghy, Reg. No. 26,773;  
William C. Steffin, Reg. No. 26,811; Coe A. Bloomberg, Reg. No. 26,605; J.  
Donald McCarthy, Reg. No. 25,119; John M. Benassi, Reg. No. 27,483; James  
H. Shalek, Reg. No. 29,749; Allan W. Jansen, Reg. No. 29,395; Robert W.  
Dickerson, Reg. No. 29,914; Roy L. Anderson, Reg. No. 30,240; David  
Murphy, Reg. No. 31,125; James C. Brooks, Reg. No. 29,898; Jeffrey M.  
Olson, Reg. No. 30,790; Steven D. Hemminger, Reg. No. 30,755; Jerrold B.  
Reilly, Reg. No. 32,293; Paul H. Meier, Reg. No. 32,274; John A. Rafter, Jr.,  
Reg. No. 31,653; Kenneth H. Ohriner, Reg. No. 31,646; Mary S. Consalvi,  
Reg. No. 32,212; Lois M. Kwasigroch, Reg. No. 35,579; Robert C.  
Laurenson, Reg. No. 34,206; Carol A. Schneider, Reg. No. 34,923; Hope E.  
Melville, Reg. No. 34,874; Michael J. Wise, Reg. No. 34,047; and Richard J.  
Warburg, Reg. No. 32,327;

all of LYON & LYON, First Interstate World Center, 633 West Fifth Street, Suite 4700,  
Los Angeles, California 90071-2066, telephone: (213) 489-1600.

The Assignment of this application to RONALD A. KATZ TECHNOLOGY  
LICENSING, L.P., was recorded on September 26, 1994, on Reel 7133, Frames 95-100.

Also, I have reviewed the assignment documents and hereby certify that, to the best  
of my knowledge and belief, title to the subject matter of this application is with

RONALD A. KATZ TECHNOLOGY LICENSING, L.P.

Date: 9/16/97 By:   
Ronald A. Katz  
President  
A2D Corporation

POWER OF ATTORNEY

The undersigned, appointed principal attorney in the accompanying application of: Ronald A. Katz

for: TELEPHONIC-INTERFACE STATISTICAL ANALYSIS SYSTEM

executed on: May 4, 1988

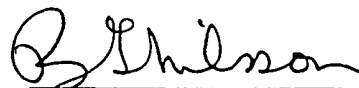
hereby appoints:

<u>Attorney</u>	<u>Registration No.</u>
Billy A. Robbins	18,313
Lewis M. Dalgarn	20,415
Robert Berliner	20,121
M. John Carson	25,090
Harold E. Wurst	22,183
Michael S. Elkind	28,710
Gregory B. Wood	28,133
Robert A. Green	28,301
H. Adam Cochran	29,373
Michael A. Kondzella	18,013
Michael C. Schiffer	30,215
G. Keith deBrucky	29,145

all partners and associates of Nilsson, Robbins, Dalgarn, Berliner, Carson & Wurst, associate attorneys in said application, to prosecute this application, and to transact business in the Patent and Trademark Office connected with this application; and I hereby give Thomas J. Lannon, Registration No. 18,417, the power to inspect the application papers, to prosecute this application, and to transact business in the Patent and Trademark Office connected with this application.

Please address all correspondence to Nilsson, Robbins, Dalgarn, Berliner, Carson & Wurst, 201 North Figueroa Street, Los Angeles, California 90012.

Date: May 11, 1988



Byard G. Nilsson  
Registration No. 17,350

Docket No.: 3194-102A2

(213) 977-1001

864750-5034060

ASSIGNMENT OF PATENT RIGHTS

WHEREAS, FDR INTERACTIVE TECHNOLOGIES, a New York general partnership ("FDR INTERACTIVE") (sometimes erroneously referred to as a corporation), having its principal place of business at 2301 North 117th Avenue, Omaha, Nebraska 68164, is the assignee of certain patents and patent rights of record in the United States Patent and Trademark Office, herein collectively called the ASSIGNED PATENT RIGHTS, as follows:

Issued Patents

<u>Patent No.</u>	<u>Issued</u>	<u>Title</u>	<u>Attorney Docket</u>
4,792,968	12/20/88	STATISTICAL ANALYSIS SYSTEM FOR USE WITH PUBLIC COMMUNICATION FACILITY	4646-101C
4,845,739	7/4/89	TELEPHONIC-INTERFACE STATISTICAL ANALYSIS SYSTEM	4646-101C2

Pending Patent Applications

<u>Serial No.</u>	<u>Filed</u>	<u>Title</u>	
260,104	10/20/88	TELEPHONIC INTERFACE CONTROL SYSTEM	4646-108
312,792	2/21/89	VOICE-DATA TELEPHONIC CONTROL SYSTEM	4646-114

NEEL 5169 FRAMED 80

332,088	4/3/89	EXPANDED TELEPHONE DATA ORGANIZATION SYSTEM	4646-118
335,923	4/10/89	TELEPHONIC-INTERFACE STATISTICAL ANALYSIS SYSTEM	4646-101N
342,806	4/24/89	TELEPHONIC-INTERFACE STATISTICAL ANALYSIS SYSTEM	4646-101N2
371,188	6/26/89	MULTIPLE PARTY TELEPHONE CONTROL SYSTEM	4646-119
386,076	7/28/89	TELEPHONE PROGRAMMING SYSTEM FOR AUTOMATED CALLING; and	4646-124
EUROPE- 56 90 4668.0	3/10/87	STATISTICAL ANALYSIS SYSTEM FOR USE WITH PUBLIC COMMUNICATION FACILITY	4646-101
JAPAN- 503886/86	3/10/87	STATISTICAL ANALYSIS SYSTEM FOR USE WITH PUBLIC COMMUNICATION FACILITY	4646-101

WHEREAS, FIRST DATA RESOURCES INC., a Delaware corporation, having its principal place of business at 10825 Farnum Drive, Omaha, Nebraska 68154, is desirous of acquiring all rights of FDR INTERACTIVE in the ASSIGNED PATENT RIGHTS;

AND, THEREFORE, for the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, FDR INTERACTIVE by its presents does hereby sell, assign, transfer and set over to FIRST DATA RESOURCES INC., its successors and assigns the entire and exclusive right, title and interest in



and to all inventions in the United States and throughout the world (with priority rights) in and to the ASSIGNED PATENT RIGHTS, and in and to any continuations, divisions, reissues and extensions of the ASSIGNED PATENT RIGHTS, together with all claims for damages by reason of past infringement of any ASSIGNED PATENT RIGHTS, with the right to sue for and collect the same, and FDR INTERACTIVE further agrees to execute and have executed (to the extent possible) all papers and to perform all acts, without any further consideration but at no cost or expense to FDR INTERACTIVE, as deemed necessary by FIRST DATA RESOURCES INC., including the execution of any related domestic or foreign application documents.

FDR INTERACTIVE hereby authorizes and requests the Commissioner of Patents and Trademarks to issue the United States Letters Patents resulting from all the applications in the ASSIGNED PATENT RIGHTS to FIRST DATA RESOURCES INC., its successors and assigns.

FDR INTERACTIVE TECHNOLOGIES,  
a New York general partnership  
(sometimes erroneously referred to  
as a corporation)

By: FDR INTERACTIVE TECHNOLOGIES  
CORPORATION, a New York  
corporation

By  
Its

Ken Z. Jago  
Chairman

STATE OF New York )  
COUNTY OF New York )

ss.

On this 2nd day of August in the year 1989,  
before me Karen Cilia, a Notary Public, State of  
New York, duly commissioned and sworn, personally  
appeared Henry Duques, personally known to me (or  
person who executed the within instrument as  
Chairman of or on behalf of said corporation as a  
general partner of the partnership therein named, and  
acknowledged to me that such corporation executed the same on  
behalf of the partnership.

IN WITNESS WHEREOF, I have hereunto set my hand and  
affixed my official seal in the City of New York,  
County of New York, State of New York,  
on the date set forth above in this certificate.

RECORDED  
PATENT & TRADEMARK OFFICE

[Seal]

AUG 21 89

[Signature]  
COMMISSIONER OF PATENTS  
AND TRADEMARKS OFFICE

[Signature]  
Notary Public

My commission expires: \_\_\_\_\_

KAREN A. CILIA  
Notary Public, State of New York  
No. 41-4839769  
Qualified in Queens County  
Certificate Filed in New York County  
Commission Expires March 30, 1989  
Aug 31

NEES 169 FRAM 083

## ASSIGNMENT OF PATENT RIGHTS

WHEREAS, FIRST DATA RESOURCES INC., a Delaware corporation ("FDR"), having a place of business at 2301 North 117th Avenue, Omaha, Nebraska 68164, is the assignee of certain patents and patent rights of record in the United States Patent and Trademark Office, herein collectively called the ASSIGNED PATENT RIGHTS, as follows:

### Issued Patents

Patent No.	Title	Issued	Attorney Docket
4,071,698	Telephone system for Audio Demonstration and Marketing of Goods or Services	1/31/1978	4646-117 (Expired)
4,792,968	Statistical Analysis System for Use With Public Communication Facility	12/20/1988	4646-101C
4,845,739	Telephonic-Interface Statistical Analysis System	7/4/1989	4646-101C2
4,930,150	Telephonic Interface Control System	5/29/1990	4646-108
4,932,046	Telephone Programming System for Automated Calling	6/5/1990	4646-124
4,939,773	Multiple Party Telephone Control System	7/3/1990	4646-119
4,975,945	Universal Telephone Call Relay System	12/4/1990	4646-122
4,987,590	Multiple Party Telephone Control System	1/22/1991	4646-119N

REEL 133 FRAME 95

5,014,298	Voice-Data Telephonic Control System	5/7/1991	4646-114C2
5,016,270	Expanded Telephone Data Organization System	5/14/1991	4646-116
5,048,075	Telephonic-Interface Statistical Analysis System	9/10/1991	4646-101N3
5,073,929	Voice-Data Telephonic Control System	12/17/1991	4646-114
5,091,933	Multiple Party Telephone Control System	2/25/1992	4646-119N2
5,109,404	Telephone Call Processor With Select Call Routing	4/28/1992	4646-129
5,128,984	Telephone Interface Call Processing System With Call Selectivity	7/7/1992	4646-114C
5,185,787	Multiple Party Telephone Control System With Random Dialing for Polling	2/9/1993	4646-119N3
5,218,631	Telephonic-Interface Game Control System	6/8/1993	4646-130
5,224,153	Voice-Data Telephonic Interface Control System	6/29/1993	4646-114C3
5,251,252	Telephone Interface Call Processing System With Call Selectivity	10/5/1993	4646-114CN
5,255,309	Telephonic-Interface Statistical Analysis System	10/19/1993	4646-101NA

REEL 1133 FRAME 96

5,259,023	Telephonic-Interface Statistical Analysis System	11/2/1993	4646-101NB
5,297,197	Multiple Party Telephone Control System	3/22/1994	4646-119N4
5,349,633	Telephonic-Interface Game Control System	9/20/1994	4646-130N2
5,351,285	Multiple Format Telephonic Interface Control System	9/27/1994	4646-108CN

#### Pending Patent Applications

Serial No.	Title	Filing Date	Attorney Docket
07/335,923	Telephonic-Interface Statistical Analysis System	4/10/1989	4646-101N
07/640,337	Telephonic-Interface Statistical Analysis System	1/11/1991	4646-101N4
07/756,956	Telephonic-Interface Lottery System	9/9/1991	4646-101C3 (Allowed)
08/058,452	Voice-Data Telephonic Interface Control System	5/7/1993	4646-114C4 (Allowed)
08/073,585	Telephonic-Interface Game Control System	6/7/1993	4646-130N
08/132,062	Telephone Interface Call Processing System With Call Selectivity	10/4/1993	4646-114N1

REEL 1133 FRAME 91

08/139,307	Telephonic-Interface Statistical Analysis System	10/18/1993	4646-101NC
not yet assigned	Telephonic-Interface Lottery System	9/13/1994	4646-101D4
not yet assigned	Multiple Format Telephonic Interface Control System	9/14/1994	4646-108N3
not yet assigned	Voice-Data Telephonic Interface Control System	9/14/1994	4646-114N5
not yet assigned	Telephonic-Interface Lottery System	9/14/1994	4646-101N5

WHEREAS, FDR desires to contribute to the capital of RONALD A. KATZ TECHNOLOGY LICENSING, L.P., a California limited partnership ("PARTNERSHIP"), having a place of business at 9401 Wilshire Boulevard, Suite 800, Beverly Hills, California 90212, all rights of FDR in the ASSIGNED PATENT RIGHTS, subject to certain preexisting licenses;

NOW, THEREFORE, FDR by these presents does hereby contribute, assign, transfer and set over unto PARTNERSHIP, its successors and assigns, the entire and exclusive right, title and interest in and to all inventions in the United States and throughout the world (with priority rights) in and to the ASSIGNED PATENT RIGHTS, and in and to any continuations, continuations-in-part, divisions, reissues, extensions and foreign counterparts of the ASSIGNED PATENT RIGHTS, together with all claims for damages by reason of past infringement of any ASSIGNED PATENT RIGHTS, with the right to sue for and collect the same, but subject to all rights and licenses, exclusive and non-exclusive, which FDR has heretofore granted or agreed to grant under said ASSIGNED PATENT RIGHTS, and FDR further agrees to execute and have executed (to the extent possible) all papers and to perform all acts, without any further consideration and at the cost and expense of FDR, as deemed reasonably necessary to perfect in

REEL 133 FRAME 98

PARTNERSHIP the foregoing rights, title and interests, including the execution of any related domestic or foreign application documents.

FDR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue the United States Letters Patents resulting from all the applications in the ASSIGNED PATENT RIGHTS to PARTNERSHIP, its successors and assigns.

FIRST DATA RESOURCES INC.,  
a Delaware Corporation

By 

Its

Authorized Signatory

Date

September 17, 1994

REEL 7133 FRAME 99

RECORDED  
PATENT AND TRADEMARK  
OFFICE

ALL PURPOSE ACKNOWLEDGMENT

STATE OF Colorado

COUNTY OF Arapahoe

On 9/17/94 before me, Martie Chudwick Notary Public,

personally appeared Charles T. Folt  
NAME(S) OF SIGNER(S)

☒ personally known to me - OR - ☐ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

Witness my hand and official seal.

M Chudwick  
SIGNATURE OF NOTARY

SEP 26 1994  
OPTIONAL SECTION  
CAPACITY CLAIMED BY  
SIGNER

Though statute does not require the Notary to fill in the data below, doing so may prove invaluable to persons relying on the document.

- ☐ INDIVIDUAL  
☐ CORPORATE OFFICER(S)

TITLE(S)

- ☐ PARTNER(S) ☐ LIMITED  
☐ GENERAL  
☐ ATTORNEY-IN-FACT  
☐ TRUSTEE(S)  
☐ GUARDIAN/CONSERVATOR  
☐ OTHER: \_\_\_\_\_

SIGNER IS REPRESENTING:  
Name of Person(s) or Entity(ies)

THIS CERTIFICATE MUST BE ATTACHED TO  
THE DOCUMENT DESCRIBED AT RIGHT:

Though the data requested here is not required by law, it could  
prevent fraudulent reattachment of this form.

OPTIONAL SECTION

Title of Type of Document \_\_\_\_\_

Number of Pages \_\_\_\_\_ Date of Document \_\_\_\_\_

Signer(s) Other Than Named Above \_\_\_\_\_

RECORDED  
PATENT AND TRADEMARK  
OFFICE

SEP 26 1994

REL 11 33 FILE 100

09/15/94 12:50 PM



A S S I G N M E N T

WHEREAS, RONALD A. KATZ TECHNOLOGIES CORPORATION, a California corporation, having its principal place of business at 570 S. Mapleton Drive, Los Angeles, California 90024, has been assigned the entire and exclusive right, title and interest in and to a new and useful invention TELEPHONIC-INTERFACE STATISTICAL ANALYSIS SYSTEM, for which a United States Letters Patent application was executed on May 4, 1988 and has been filed on or about May 11, 1988, said application being identified as Docket No. 3194-102A2 of the law firm of Nilsson, Robbins, Dalgarn, Berliner, Carson & Wurst; and

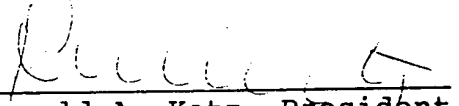
WHEREAS, FDR Interactive Technologies, a New York partnership, having its principal place of business at 200 Vesey Street, New York, New York 10285, is desirous of acquiring the entire and exclusive right, title and interest in and to the said invention in the United States and throughout the world, and in and to any Letters Patent which may be granted and issued therefor and any continuations, divisions, reissues and extensions of said Letters Patent and all international priority rights associated therewith;

NOW, THEREFORE, for the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, said Ronald A. Katz Technologies Corporation, by these presents does hereby sell, assign, transfer and set over unto the said FDR Interactive Technologies, its successors and assigns, the entire and exclusive right, title and interest in and to said invention, in the United States and

throughout the world, and in and to any Letters Patent which may be granted and issued therefor, and in and to any continuations, divisions, reissues and extensions of said Letters Patent and all international priority rights associated therewith; and Ronald A. Katz Technologies Corporation further agrees to sign all papers and perform all acts, without any further consideration but at no cost or expense to it, as said FDR Interactive Technologies may deem necessary to make this Assignment fully effective or to otherwise comply with applicable patent laws and regulations, including, but not limited to, the execution of any and all original, reissue, divisional and continuing United States and foreign patent applications.

And Ronald A. Katz Technologies Corporation hereby authorizes and requests the Commissioner of Patents and Trademarks to issue the said United States Letters Patent to said FDR Interactive Technologies, its successors and assigns.

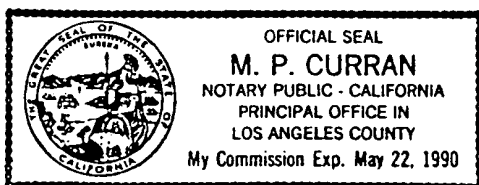
RONALD A. KATZ TECHNOLOGIES  
CORPORATION

By:   
Ronald A. Katz, President

STATE OF CALIFORNIA       )  
                                  ) ss  
COUNTY OF LOS ANGELES    )

On this 20<sup>th</sup> day of May, 1988, before me, a Notary Public, personally appeared Ronald A. Katz, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person who executed the within instrument as the President or on behalf of the corporation therein named and acknowledged to me that the corporation executed it.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year first above written.



M. P. Curran  
Notary Public

A S S I G N M E N T

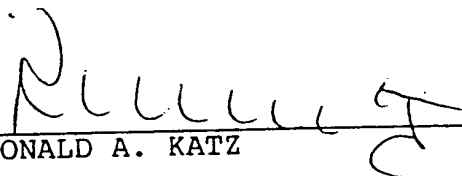
WHEREAS, I, RONALD A. KATZ residing at 570 S. Mapleton Drive, Los Angeles, California 90024, have invented a new and useful TELEPHONIC-INTERFACE STATISTICAL ANALYSIS SYSTEM, for which I have executed application papers for United States Letters Patent thereon on May 4, 1988, and filed said application on or about May 11, 1988, said application being identified as Docket No. 3194-102A2 of the law firm of Nilsson, Robbins, Dalgarn, Berliner, Carson & Wurst; and

WHEREAS, RONALD A. KATZ TECHNOLOGIES CORPORATION, a California corporation, having its principal place of business at 570 S. Mapleton Drive, Los Angeles, California 90024, is desirous of acquiring the entire and exclusive right, title and interest in and to the said invention in the United States and throughout the world, and in and to any Letters Patent which may be granted and issued therefor;

NOW, THEREFORE, for the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, the said RONALD A. KATZ, by these presents does hereby sell, assign, transfer and set over unto the said RONALD A. KATZ TECHNOLOGIES CORPORATION, its successors and assigns, the entire and exclusive right, title and interest in and to said invention, in the United States and throughout the world, and in and to any Letters Patent which may be granted and issued therefor, and in and to

any continuations, divisions, reissues and extensions of said Letters Patent and all international priority rights associated therewith; and I further agree to sign all papers and perform all acts, without any further consideration but at no cost or expense to me, as said RONALD A. KATZ TECHNOLOGIES CORPORATION may deem necessary to make this Assignment fully effective, including the execution of any and all original, reissue, divisional and continuing United States and foreign patent applications.

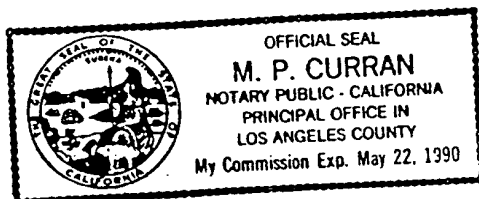
And I hereby authorize and request the Commissioner of Patents and Trademarks to issue the said United States Letters Patent to said RONALD A. KATZ TECHNOLOGIES CORPORATION, its successors and assigns.

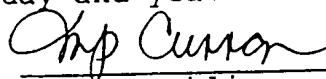
  
RONALD A. KATZ

STATE OF CALIFORNIA            )  
  )    ss  
COUNTY OF LOS ANGELES        )

On this 20<sup>th</sup> day of May 3, 1988, before me, a Notary Public, personally appeared RONALD A. KATZ, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year first above written.



  
Notary Public

CONSENT OF SPOUSE

The undersigned, the spouse of Ronald A. Katz, hereby (i) consents to the terms and conditions of this Assignment, (ii) agrees that her interest, whether by way of community property or otherwise, in and to the Letters Patent described therein shall be bound by the terms of this Assignment, (iii) agrees to execute any other and further documents necessary to effectuate the terms of the Assignment.

Dated: 5-19-88

Signature: Madelyn R. Katz  
Madelyn R. Katz